MODELING SUBSTRATE NOISE COUPLING
USING SCALABLE PARAMETERS

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ABSTRACT

Methods and apparatus for substrate modeling are disclosed. In one disclosed

10   method, for example, the substrate modeling comprises determining scalable Z

parameters associated with at least two substrate contacts, constructing a matrix of the

scalable Z parameters for the at least two substrate contacts, and calculating an inverse

of the matrix to determine resistance values associated with the at least two substrate

contacts. Computer-readable media containing computer-executable instructions for

15   causing a computer system to perform any of the described methods are also disclosed.